

CLAIMS

1. A magnetic recording and reproducing apparatus performs shuffling of digital audio and video data according to a given rule, then 5 records the data, said apparatus including:

deshuffling means for rearranging reproduction data in a normal direction to an order before the shuffling, and outputting the data, or for rearranging reproduction data in a reverse direction to a reverse order before the shuffling, and outputting the data.

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2. The magnetic recording and reproducing apparatus as defined in Claim 1, wherein said deshuffling means rearranges reproduced audio data according to a reproduction direction of said apparatus.